

Message Text

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PAGE 01 COPENH 07309 091749Z
ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 PM-05 FEA-01 ACDA-12 CIAE-00
INR-07 IO-14 L-03 NSAE-00 NSC-05 EB-08 NRC-07
DODE-00 ERDA-07 SS-15 SP-02 /106 W
-----125077 100626Z /15

R 091610Z DEC 77
FM AMEMBASSY COPENHAGEN
TO SECSTATE WASHDC 5566
INFO AMEMBASSY BONN
AMEMBASSY STOCKHOLM
AMEMBASSY BRUSSELS

UNCLAS COPENHAGEN 7309
E.O.: 11652: N/A
TAGS: TECH, ENRG, PARM, DA
SUBJ: MEMORANDUM ON HIGHLY ENRICHED URANIUM EXPORT REQUESTS

REFS: (A) STATE 287909, (B) STATE 283271

4. PER REF (A) WE SUGGESTED TO DANISH AUTHORITIES THAT THEY
SUPPLY THE DATA REQUESTED IN PARA 13 OF REF (B). THE NUCLEAR
ENERGY AGENCY HAD HEARD ALSO DIRECTLY FROM WASHINGTON BUT DID
NOT HAVE THE 13 QUESTIONS, WHICH WE SUPPLIED.

2. ON DECEMBER 8 WE RECEIVED THE FOLLOWING COPY OF A TELEX
WHICH MR. FLOTO OF THE RISCO RESEARCH ESTABLISHMENT SENT DIR-
ECTLY TO MR. D. B. HOYLE, REF. TELEX NUMBER 287909, STATE
DEPARTMENT, WASHINGTON, D.C. WE REPEAT THE TELEX IN ORDER TO
MAKE DOUBLY CERTAIN THAT THE INFORMATION REACHES THE DEPARTMENT
BY DECEMBER 10 AS SPECIFIED IN PARA 3 OF REF (A).

3. TEXT OF TELEX:

"INFORMATION CONCERNING REACTOR DR. 3, RISO REACTOR USE
PROGRAM. THE REACTOR IS INTENSELY UTILIZED, MAINLY FOR RE-
SEARCH CONNECTED TO THE ESTABLISHMENTS OWN PROGRAMMES. THESE
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INCLUDE SOLID STATE PHYSICS (BEAM EXPERIMENTS), FUEL EVALUATION
(PIN TESTS), ISOTOPE PRODUCTION, ACTIVATION ANALYSIS AND COMMER-
CIAL SILICON IRRADIATION. THE REACTOR IS OPERATED AT 10 MW WITH
A UTILIZATION OF APP. 80 PERCENT. OPERATION OF THE REACTOR IS
VITAL FOR THE ESTABLISHMENT AND A CONTINUATION OF THE OPER-
ATION IS FORESEEN FOR AT LEAST THE NEXT 10-15 YEARS.

FUEL INVENTORY STATUS.

9.5 KG U (93 PERCENT U-235) IN STORAGE AS U-METAL. U.S. ORIGIN.

7.0 KG U (93 PERCENT U-235) CONTAINED IN NEW FUEL IN PROCESS. AVAILABLE AS NEW FUEL ELEMENTS BY MID 1978. THE MATERIAL IS OF U.S. ORIGIN. IT HAS BEEN CONVERTED BY NUKEM. FUEL ELEMENT FABRICATION IS DONE BY ELSINORE SHIPYARD IN THEIR WORKSHOP AT RISO.

11.2 KG U (93 PERCENT U-235)

3.6 KG U (80 PERCENT U-235)
CONTAINED IN NEW FUEL IN STOCK. MATERIAL U.S. ORIGIN. FABRICATION ELSINORE AND BNFL.

2.7 KG U (93 PERCENT U-235)
CONTAINED IN FUEL IN CORE. MATERIAL U.S. ORIGIN.

15.5 KG U-235 (APP. 70 PERCENT U-235)
CONTAINED IN SPENT FUEL IN STORAGE.

7.5 KG U (93 PERCENT U-235)
REPROCESSED AND REENRICHED MATERIAL FROM SPENT FUEL BY COGEMA, FRANCE. MATERIAL SHALL BE REDELIVERED TO RISO. DELIVERY TIME UNCLASSIFIED

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UNKNOWN.

FUEL INVENTORY CONSIDERED NECESSARY TO ASSURE CONTINUITY OF REACTOR OPERATION.

7 KG U (93 PERCENT U-235) CONTAINED IN NEW FUEL IN PROCESS.

8 KG U (93 PERCENT U-235) CONTAINED IN NEW FUEL ON HAND.

2.7 KG U (93 PERCENT U-235) CONTAINED IN FUEL IN CORE.

A QUANTITY OF U-METAL IN STORAGE IS NECESSARY IN ORDER TO KEEP THE SMALL SCALE PRODUCTION LINE IN OPERATION. THE QUANTITY ON HAND WILL BE USED AT THE TIME WHERE THE REQUIRED MATERIAL IS EXPECTED TO BE DELIVERED, BY END OF 1978.".
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Message Attributes

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Disposition Approved on Date:
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